8HLRD-H

8" LED
Recessed with Integral Optics
2500 - 5500 Delivered Lumens

MECHANICAL
- Precision formed 16 ga. galvanized steel ceiling pan with built-in plaster ring
- Adjustable to 1 1/2" ceiling thickness
- Bar hangars accommodate 27" span
- Sustainable - electrical components accessible though aperture

ELECTRICAL
- Fully serviceable and upgradable Heatron LED light engine.
- Power supply is overload and short circuit protected.
- See lumens column for standard dimming.

OPTICAL
- Self-flanged lower reflector
- Upper optical interface uniformly distributes light
- Narrow, Medium or Wide distribution

PERFORMANCE
- CCT: 3000K; 3500K; 4000K @ 80+ CRI
- Rated for 50,000 hours lamp life
- 70% lumen maintenance at 50,000 hours based on IESNA LM-80-2008.

LISTINGS
- ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
- Suitable for damp location / covered ceilings
- (For full wet location use -WL option)

5 Year limited warranty.

Dimensions and specifications in this literature are subject to change.

DELIVERED LUMENS @ 35K

8HLRD

<table>
<thead>
<tr>
<th>DISTRIBUTION</th>
<th>COLOR TEMP</th>
<th>REFLECTOR</th>
<th>REFLECTOR OPTIONS</th>
<th>OPTIONS</th>
<th>VOLTAGE</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>-30</td>
<td>3127 lumens</td>
<td>-M</td>
<td>Medium 43°</td>
<td>-RCA</td>
</tr>
<tr>
<td></td>
<td>-30K</td>
<td>3000 K</td>
<td>-SH</td>
<td>Soft Haze</td>
<td>-RPA</td>
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<tr>
<td></td>
<td>-35K</td>
<td>3500 K</td>
<td>-W</td>
<td>White*</td>
<td>-TRW</td>
</tr>
<tr>
<td></td>
<td>-40K</td>
<td>4000 K</td>
<td>-B</td>
<td>Black*</td>
<td>-TRB</td>
</tr>
</tbody>
</table>

DECORATIVE OPTIONS
- ICE Suspended Clear/Black Disk
- ICE Soda Lime Temp. Glass
- ICE-S SOLID Soda Lime Temp. Glass
- ICE-C Colorless Temp. Glass
- ICE-S-C SOLID Colorless Temp. Glass
- ICE-O Open Soda Lime Temp. Glass
- ICE-O-C SOLID Open Colorless Temp. Glass

FUSING
- F Trac dimming to 1%**
- DMT1 Emergency with remote test switch
- EML1 Integral Test Switch
- TTS Wet Location (lens required)
- CF Chicago Plenum
- GTD Generator Transfer Device
- RETROB Retrofit

VOLTAGE
- 120 277

** Voltage MUST be Specified

-0-10v Dimming Standard LED

SLOPED CEILING OPTIONS
- SCA814 Sloped Ceiling Adapter 10° to 14°
- SCA819 Sloped Ceiling Adapter 16° to 19°
- SCA822 Sloped Ceiling Adapter 20° to 22°
- SCA826 Sloped Ceiling Adapter 24° to 26°

White Lenses Specified Otherwise

Cannot be used with decorative options.
8HLRD-55-N-35K-SH

Test No: 1013905BCH1-009
Source: Ascendia
Color Temp: 3500K
Total Fixture Lumens: 5601
S/MH: 0.48

Input Current
Voltage:  Watts:  Amps:
120   73   0.61
277   73   0.26

Candlepower Distribution Curve

Cone of Light
Initial Nadir Footcandles
Distance to Illuminated Plane
12'  122  6.0
24'  31   11.9
36'  14   17.9
48'  8    23.8

CCT Lumen Conversion
3000K  0.98
4000K  1.04

8HLRD-55-M-35K-SH

Test No: Intertek (Calculated)
Source: Ascendia
Color Temp: 3500K
Total Fixture Lumens: 5549
S/MH: 0.66

Input Current
Voltage:  Watts:  Amps:
120   73   0.61
277   73   0.26

Candlepower Distribution Curve

Cone of Light
Initial Nadir Footcandles
Distance to Illuminated Plane
12'  79   8.6
24'  20   17.2
36'  9    25.8
48'  5    34.3

8HLRD-55-W-35K-SH

Test No: 1013905BCH1-011
Source: Ascendia
Color Temp: 3500K
Total Fixture Lumens: 5354
S/MH: 0.74

Input Current
Voltage:  Watts:  Amps:
120   73   0.61
277   73   0.26

Candlepower Distribution Curve

Cone of Light
Initial Nadir Footcandles
Distance to Illuminated Plane
12'  56   10.3
24'  14   20.5
36'  6    30.7
48'  4    41.4

All Peachtree LED products are baseline tested at 3500K. When a warmer or cooler color temperature is specified, the light output values will vary. Use the following chart to adjust the values for your application.